

Google App Scripts to the Rescue!

Mark Vogelgesang Sept 7, 2017

A Google App What?!

- Like an old school Microsoft Office macro but way better
- Written in JavaScript!
- Building block for extensions
- Create menus, sidebars, and automated processes
- Connect Google Suite apps to one and other
 - Calendar
 - o Docs
 - o Forms
 - o Gmail
 - Maps
 - Sites

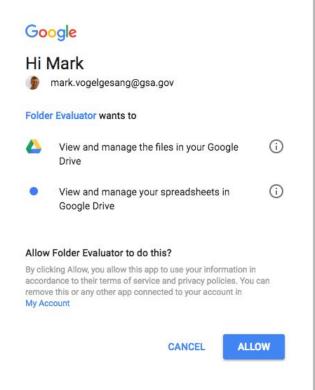


Some Examples

- Form to Calendar Invite Automation
- Custom spreadsheet functions
- Google Drive Folder Auditing
- Autogenerated Team Vacation Calendars
- Mail Merge
- Compile Google Analytics Stats
- Consume External API Data
- Form-based triggers



Script Scopes





- Script will always tell you what type of access it is getting
- You should not run scripts that are not approved or come from someone you do not know
- Clicking "Folder Evaluator" will tell you who developed the script
- If all is good, click, Allow

Publishing Your Script

- If you have a script you have developed and wish to use in the GSA environment, please submit it for review, using the <u>Google App Script</u> <u>Approval Form</u>.
- Make sure the script name follows the naming conventions mentioned in <u>CIO IL-16-01</u> (e.g., GSA_ 2 Letter Service/Staff Office Designation_Script Name, GSA_IS_Script Name); and
- Make sure the script has been executed at least once under that name.
- If you do not submit a script for approval or use an unauthorized script, you may receive a CloudLock notification informing you that an application is being restricted.

From: https://insite.gsa.gov/googleappscripts



Demo

folder evaluator

Resources

GSA

- https://insite.gsa.gov/googleappscripts
- CIO IL-16-01 Policy for OAuth 2.0 Integration with GSA.gov Accounts

Google

https://developers.google.com/apps-script/